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TO: Commissioner for Patents
 Attn: Examiner Dung T. Nguyen
 Patent Examining Corps
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 Alexandria, VA 22313-1450

FROM: George H. Gates
 OUR REF.: G&C 30794.61-US-WO
 TELEPHONE: (310) 642-4146

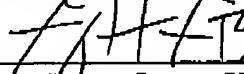
Total pages, including cover letter: **14**

PTO FAX NUMBER: 571-273-8300

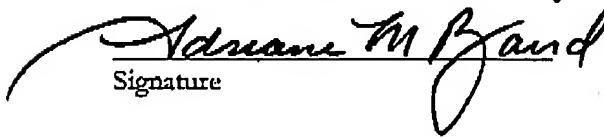
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Title of Document	TRANSMITTAL DOCUMENTS AND AMENDMENT UNDER
Transmitted:	37 C.F.R. 1.111
Applicant:	Thomas G.B. Mason et al.
Serial No.:	10/049,362
Filed:	February 6, 2002
Group Art Unit:	2828
Title:	TUNABLE LASER SOURCE WITH INTEGRATED OPTICAL MODULATOR
Our Ref. No.:	G&C 30794.61-US-WO

Please charge all fees to Deposit Account No. 50-0494 of Gates & Cooper LLP.

By: 
 Name: George H. Gates
 Reg. No.: 33,500

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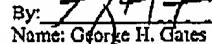
Due Date: August 4, 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Thomas G.B. Mason et al. Examiner: Dung T. Nguyen
 Serial No.: 10/049,362 Group Art Unit: 2828
 Filed: February 6, 2002 Docket: G&C 30794.61-US-WO
 Title: TUNABLE LASER SOURCE WITH INTEGRATED OPTICAL MODULATOR

CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being filed via facsimile transmission to the U.S. Patent and Trademark Office on August 4, 2005.

By: 
Name: George H. Gates

MAIL STOP AMENDMENT
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Dear Sir:

We are transmitting herewith the attached:

Transmittal sheet, in duplicate, containing a Certificate of Mailing or Transmission under 37 CFR 1.8.
 Amendment Under 37 C.F.R. 1.111.

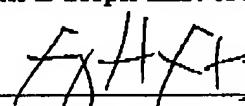
CLAIMS PRESENT

Claims Remaining:	Highest Number Previously Paid For:	Number Extra	Rate	Fee
Total Claims				
25	26	0	x \$50.00	= \$0.00
Independent Claims				
3	3	0	x \$200.00	= \$0.00
<u>MULTIPLE DEPENDENT CLAIM FEE</u>				\$0.00
<u>TOTAL FILING FEE</u>				\$0.00

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Customer Number 22462
GATES & COOPER LLP
 Howard Hughes Center
 6701 Center Drive West, Suite 1050
 Los Angeles, CA 90045
 (310) 641-8797

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 Reg. No.: 33,500
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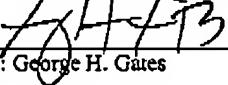
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By: 
Name: George H. Gates

AMENDMENT UNDER 37 C.F.R. §1.111

MAIL STOP AMENDMENT
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P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action dated May 4, 2005, please amend the above-identified application as follows.